

KULAKOV ARTYOM

Machine Learning Engineer

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📍 Moscow, Russia

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EXPERIENCE

Independent Machine Learning Engineer

Self-employed

📅 June 2019 – Present 📍 Remote

- Working on Machine Learning RnD and Software development projects with various clients across EU and US.
- Leading development team of IOS/Android/Web/ML devs to accomplish tasks for enterprise clients

Data Scientist

Megafon

📅 June 2019 – Sept. 2019 📍 Moscow, Russia

- Built Machine Learning model for recommendation of subscription for Megafon TV service.
- Built Machine Learning model for client down sell prediction.
- Worked with various Big Data and Machine Learning tools: Xgboost, Spark, Dask, Hadoop, Sqoop.

Data Analyst

Tinkoff Bank

📅 March 2019 – May 2019 📍 Moscow, Russia

- Wrote complex queries and prepared datasets for ML teams with PostgreSQL

ACHIEVEMENTS

- Kaggle Competition Master
- 1st Place - OSIC Pulmonary Fibrosis Progression Kaggle Competition
- 4th Place Telegram Data Clustering Contest 2021
- 6th Place - International Data Analysis Olympiad 2020
- 6th Place - International Data Analysis Olympiad 2021

PROGRAMMING & TOOLS

• Python • Pytorch/Tensorflow • Django • Docker • Google Mediapipe • SQL

PROFESSIONAL INTERESTS

Computer Vision, NLP, Reinforcement Learning, Time Series analysis

EDUCATION

MSc. in Data Science

Higher School of Economics

📅 Sep 2021 – May 2023

BSc. in Software Engineering

Higher School of Economics

📅 Sep 2017 – May 2021

PROJECTS

Workout Movement Counting App

- Implemented Dense optical flow + CNN solution for workout movement counting using PyTorch and OpenCV
- Created the django web app for workout movement counting and progress tracking

Cloud segmentation on satellite images

- Implemented a model to segment clouds on the images, taken using various Landsat 8 bands.
- Final solution included improved blend of Unet and DeconvNet models.

Fraud detection in the bottle collecting machine

- Trained YOLO for fake objects detection inside bottle collecting machine
- Created java wrapper for fast inference on CPU

LANGUAGES

- Russian (first language)
- English (advanced)
- German (basic)